

**UNITED STATES DEPARTMENT OF COMMERCE****United States Patent and Trademark Office**Address: COMMISSIONER OF PATENTS AND TRADEMARKS
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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. |
|-----------------|-------------|----------------------|---------------------|
| 09/541,690 | 04/03/00 | DUVAL | R PET-1638-D1 |

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HM12/1002

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EXAMINER

KUMAR, S

| ART UNIT | PAPER NUMBER |
|----------|--------------|
| 1621 | 7 |

DATE MAILED: 10/02/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

| | | |
|------------------------------|--------------------------------------|------------------------------------|
| Office Action Summary | Application No. 09/541,690 | Applicant(s) Duval et al |
| | Examiner Shailendra Kumar | Art Unit 1621 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on Aug 6, 2001.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-10 and 18-58 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) _____ is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claims 1-10 and 18-58 are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on _____ is/are objected to by the Examiner.
- 11) The proposed drawing correction filed on _____ is: a) approved b) disapproved.
- 12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

a) All b) Some* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) Notice of References Cited (PTO-892) 18) Interview Summary (PTO-413) Paper No(s). _____
- 16) Notice of Draftsperson's Patent Drawing Review (PTO-948) 19) Notice of Informal Patent Application (PTO-152)
- 17) Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 20) Other: _____

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1. This office action is in response to applicants' communication filed in paper # 6, on 8/6/01. Subsequent to applicants' addition of new claims, and due to some errors in the previous restriction requirement, a new restriction requirement is hereby made. **Note that there are some problems in the claims with regards to their dependencies. For example, claim 30 is couched in terms of a process, and depends from claim 24, but claim 24 itself is couched in terms of chiral support. Applicants should thoroughly check for these errors in couching the claims.**

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-2, 4-9, 29, 32, 37 ,42 and 44, drawn to a method of synthesizing one bifunctional type compound, reacting at least one hydrogen of an alcohol, amine or thiol function of at least one chiral unit , classified in class various, subclass various.
 - II. Claims 3, 43, 50-52 and 55-57, drawn to hydrosylation of chiral compounds, classified in class 556, subclass various.
 - III. Claims 10, 31, and 33^{and 38} drawn to process of making polymer, classified in class 524, 525, subclass various.
 - IV. Claims 18-20, 45-46, 49, 53-54 and 58, drawn to polymerized cross linked chiral compound, classified in class 524, 525, subclass various.
 - V. Claims 21-27, 30, and 47, drawn to chiral support, classified in class various, subclass various.

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VI. Claims 28 and 48, drawn to process for separating chiral compound, classified in class 564, subclass 303.

VII. Claims 34-36, 39, 40, and 41, drawn to process comprising polymerizing and cross linking chiral compound, classified in class various, subclass various.

2. The inventions are distinct, each from the other because of the following reasons:

The six inventions above are patentably distinct and divergent subject matter, classified in various different classes and subclasses. A reference anticipating one of the above group may not render the others obvious under 35 U.S.C. 103. Hence the restriction requirement is deemed proper.

3. In view of the complexity of the restriction requirement, a written restriction requirement is hereby made. **Note that various claims are indefinite and vague. They are not clear, as to what is applicant claiming. Additionally, applicants need to elect a single final product, starting material, if any process or method is claimed. A single polymerized cross linked compound should be elected if group IV is elected. A single chiral support should be elected if Group V is elected..**

Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CAR 1.143).

4. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventor ship must be amended in compliance with 37 CAR 1.48(b) if one or more of the

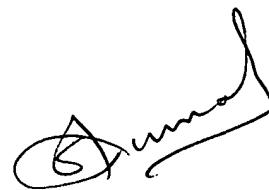
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currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventor ship must be accompanied by a petition under 37 CAR 1.48(b) and by the fee required under 37 CAR 1.17(I).

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to S.Kumar whose telephone number is (703) 308-4519.

S.Kumar

October 1, 2001



SHAILENDRA KUMAR
PRIMARY EXAMINER
GROUP 1200